

Earth's Layers Online Activity

Directions: Go to the web site [The Earth's Layers](#). Use the links provided to find the answers to the questions.

1. [The planet we call Earth](#) has how many layers? _____

Write them in order from the center to the outside of the planet.

2. [Use this diagram](#) to answer these questions:

Name the thickest layer ...

Name the thinnest layer ...

Write as a fraction the relationship of the thinnest layer to the thickest layer.

Calculated to challenge. Perhaps you have imagined digging a tunnel through the earth that comes out the other side.

Figure it out ... How many miles would you have to dig?

3. Write 4 facts about [the Earth's Crust](#).

a.

b.

c.

d.

4. The [crust and the upper layer](#) of the mantle together make up a zone of rigid, brittle rock called the

5. Write three facts [about the Mantle](#).

a.

b.

c.

6. What are the [Convection Currents](#)?

7. Name two metals found in [the Outer Core](#).

The border between the Outer core and the Inner Core is how many miles beneath the crust?

8. The [Inner core](#) is under so much pressure it does not move like a liquid, it ...

Write the temperature of the center of the Earth.

9. A [scientist who](#) studies rocks is called a

What does a Geomorphologist study?

10. Do [A Piece of the Crust](#)

Select one of the elements in the list.

Describe one way it impacts people's lives.

11. Describe the evidence scientists have that the [Earth's tectonic plates](#) are moving.

12. How do scientists use maps to study the earth? [USGS Global Crustal Database](#)